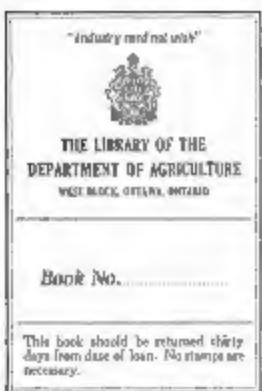


GRAIN
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THE GRAIN GROWERS' GUIDE

Organization · Education · Co-operation

Winnipeg Man.

July 3, 1918

\$1.00 per Year



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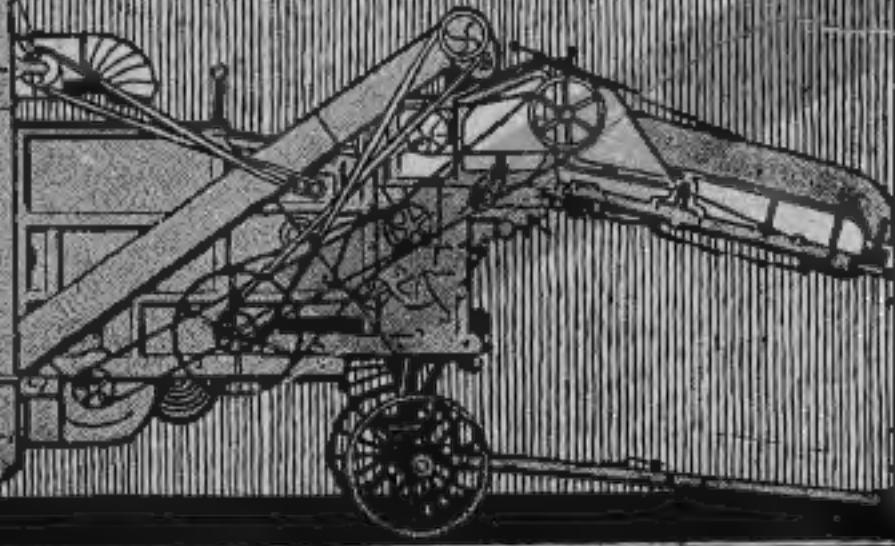
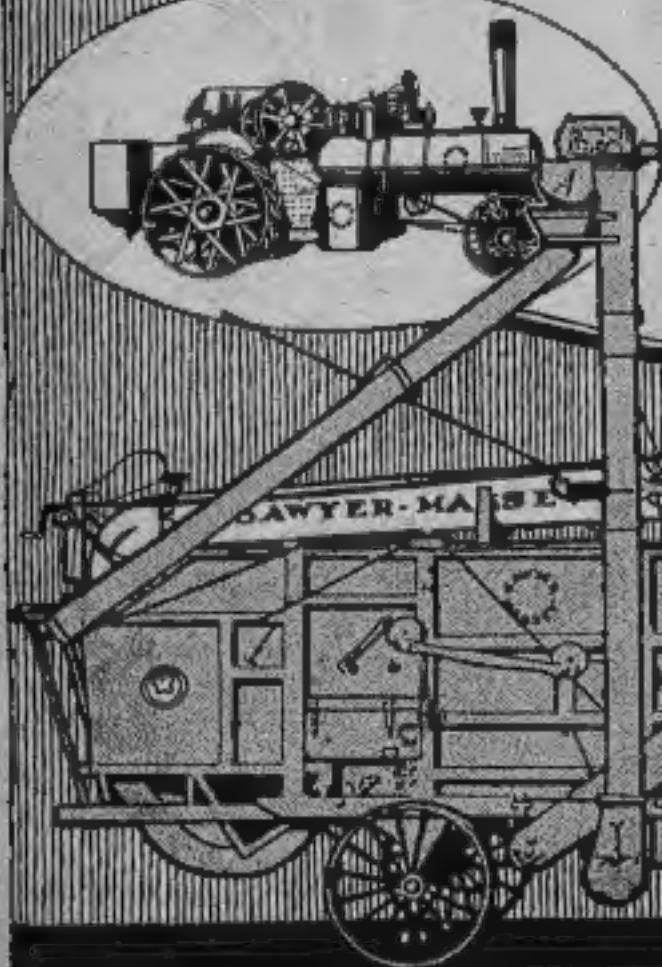
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Several weeks' notice is given so that subscribers will have time to send in their renewals, thus not missing any issues. Back numbers of The Guide cannot be supplied.

When requesting a change of address, subscribers should give the old as well as the new P.O. address.

The yellow address label on The Guide shows in what time your subscription is paid. No other receipt is issued.

Rentals should be made direct to The Guide, either by registered letter, postal bank, or express money order.

THE GRAIN GROWERS' GUIDE

"Equal Rights to All and Special Privileges to None"
A Weekly Journal for Progressive Farmers

Published under the
auspices and ex-
ecuted by the organization
of the Manitoba Grain Growers'
Association, the Saskatchewan
Grain Growers' Association
and the United
Farmers of Alberta.



GEORGE F. CHIPMAN, Editor and Manager
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Livestock Display: 15 cents per square inch.

Classified: 5 cents per word per issue.

No discounts for time or space on any class of advertising. All changes of copy and new matter must reach us seven days in advance of date of publication, to insure insertion.

Heading under advertisements are marked "Advertisement." No advertisement for patent medicines, liquor, mining stocks, or extravagantly-worried real estate will be accepted. We believe, through careful enquiry, that every advertisement in The Guide is signed by trustworthy persons. We will take it as a favor if any of our readers will advise us promptly should they have any reason to doubt the reliability of any person or firm who advertises in The Guide.

**No More Dread
OF THE DENTIST CHAIR**

Every modern scientific equipment is in this modern establishment in the hands of skilled dentists—guarantees the work painless. Our work is incomparably in faith and economy. We have been trading to day over several years now. We need of it; we have scores of satisfied patients who will tell you we.

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Are you dissatisfied with the fit of your artificial teeth? If so, see our Patent Dentist Station.

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Remember the dentist.

DR. ROBINSON

Specialist and Associate

Richards Building, Smith and Portage
WINNIPEG, CANADA

THE GUIDE POST

The military authorities have issued a statement regarding the operation of the Military Service Act of 1917. It appears on page 4 of this issue and contains the regulations regarding the calling of men 19 and 20 years of age, harvest leave, leave of absence on account of extreme hardship, and procedure to obtain leave of absence. This statement should be read by everyone, especially those who have been left short-handed owing to the operations of the act.

The International Farm Congress and Soil Products Exposition will be held in Kansas City, Missouri, from October 16 to 20. The information that has come to hand to date regarding this big world's fair for farmers is summarized on page 19. The event promises to equal or eclipse any former exposition. A considerable number of farmers have written to The Guide from time to time asking for information regarding the International. This indicates that Western Canada will be well represented at the fair this year. The Guide will keep its readers fully informed of the progress that is being made in preparation for the big event.

Two weeks ago we published the first installment of Professor Bracken's article on Dry Farming. Last week our Tenth Anniversary number came out and the space was all occupied by special articles. The second installment of Professor Bracken's article was, therefore held over and appears in this week's issue.

The Guide circulation has now passed

the 40,000 mark. The rapid increase in the membership of the associations has been reflected in our subscription list. Every new member should be impressed with the necessity of being a subscriber to the organized farmers' own paper. The anniversary number alone furnishes a liberal education in the history, achievements and aims of the farmers' organized activities.

The Saskatchewan G.S.A. membership has now reached the splendid total of over 40,000. About 100 locals have been formed since January 1 of this year. The campaigns are going splendidly. New members are signing up rapidly and new clubs being formed almost every day. Things are on the move in Saskatchewan.

The Guide held its annual picnic on Wednesday of last week. The place selected was Selkirk, where a natural elm grove of great beauty, accessible from Winnipeg by electric cars serves as an ideal picnic ground. The day was a perfect one. A program of sports, including games and races, was thoroughly enjoyed. Like all such annual events that are being held these days, however, the absence of some who have attended in the past served to bring home to us the drift on our young men and which the war is making.

Bracken Day falling on Monday of this week and being therefore a holiday, it was necessary to close the forms of this issue on Saturday. For this reason the market reports are incomplete, as the weekly market reports do not reach The Guide office until Monday.

**Who will
Harvest Your
Crop? You or
Gophers?**

Now you have sown the seed
and the crop is growing, destroy the Gophers with

"GETSEMAIL"

A Gopher destroyed is a
Bushel of Wheat
Saved

"GETSEMAIL" is the Grain
growers' own Gopher Poison; not
made for profit but made to kill
Gophers.

Favorable reports are coming
in from many quarters saying
"GETSEMAIL" is giving ex-
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For instance, after testing
"GETSEMAIL" and another
well-known poison, distributed by
the municipality, one farmer re-
turned two packets of the other
poison and exchanged them for
"GETSEMAIL."

From another point, the local
secretary reports better results
from "GETSEMAIL" than any
other poison.

Buy through your local secretary
from

**The Saskatchewan Grain
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Buy It NOW!

We are sorry to inform our customers that our 1917 supply will be very limited in practically all lines. This is due to severe frosts on May 23 and 24. We will use this space during the season to inform our customers as to the supply, etc., and if our customers will look up this space before ordering, they will be able to avoid disappointment and at the same time assist us.

We are at present booked up on all the Strawberries, Raspberries, gooseberries and Apricots that we can possibly supply.

BE SURE TO WATCH THIS SPACE

**CO-OPERATIVE FRUIT
GROWERS**

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**Buy Fruit by MAIL
AND SAVE MONEY**

Apricots, peaches, plums, cherries are picked, packed and shipped direct to you by the grower—true-ripened, every piece guaranteed, sold at the growers' price—no broken, wholesale or retailer profits. It's none too early to get full particulars now.

Send for our free booklet:
"HOW TO BUY FRUIT"
also "How Home Fruits
grow Best."

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HOUSE OF THE
OKANAGAN
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Sometimes you forget the name of some advertiser to whom you were going to write. If it's something we should know, write us and we will try and give you the information. Our business is to know.

Put It Up to the Men Who Know

The Advertising Service Department of The Guide is at the free disposal of its readers in the following ways: To furnish the name and address of any advertiser or any other firm with whom you wish to communicate; to have any advertiser or group of firms place his or their literature in your hands without other cost than writing us asking that this be done; to tell you where you can get repairs for any machine you are using; to give you the names and addresses of, or to see that you are supplied with information from, all firms in any line or lines in which you may be interested. In writing us, please write your name and address plainly and state definitely and clearly exactly what you want us to do. Many subscribers do not get replies to their letters because they do not sign their names. Address your letter to

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The Grain Growers' Guide, Winnipeg, Man.

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Deep at Low Cost With a****Hart-Parr Tractor**

Easy for boys or "green hands" to operate. A sturdy tractor-like tractor that gives the most economical power.

Twin-cylinder, water-cooled engine is mounted on one-piece cast-steel frame. Automatic lubricating system. S.P.P. and Hyatt Roller Bearings. New Gray Irons—short couplings 700 to get more power from Kerosene—let me tell you about this important feature.

HART-PARR OF CANADA LTD.

Winnipeg, Saskatoon, Regina, Calgary

PUBLIC NOTICE

Military Service Act, 1917.

Men 19 and 20 Years of Age.

Harvest Leave.

**Leave of Absence on Ground of Extreme Hardship.
Procedure to obtain Leave of Absence.**

Men Nineteen and Twenty Years of Age.

It has come to the attention of the Government that there is a widespread impression that young men of nineteen years, and those who become twenty since October 18, 1917, as well as those who may become nineteen from time to time and who have been or will be called upon to register under the Military Service Act, are to be immediately called to the colours.

This impression is quite incorrect. No date has yet been fixed for calling upon such men to so report for duty, nor has the question been brought before the Cabinet for decision. In view of the need of labour on the farm, it is most unlikely that consideration will be given to the matter until after the harvest is over, although of course the Government's action must be determined primarily by the military situation.

There is no further obligation incumbent upon young men of the ages above mentioned who have registered or who do so hereafter, until they receive notice from the Registrars.

Harvest Leave.

Some enquiries have been received as to the possibility of granting harvest leave to such troops as may be in the country at that time. No definite assurance can be given on this point as advantage must be taken of ships as they become available. On the other hand, harvest leave will be given if at all possible.

Leave of Absence on Grounds of Extreme Hardship.

It is desired that the Regulations respecting leave of absence in cases of hardship should be widely known and fully understood. Such leave will be granted in two cases:—(a) where extreme hardship arises by reason of the fact that the man concerned is either the only son capable of earning a livelihood, or a father killed or disabled on service or presently in service overseas, or in training for such service, or under treatment after returning from overseas; or the only remaining of two or more brothers capable of earning a livelihood (the other brother or brothers having been killed or disabled on service, or being presently in service overseas, or in training for overseas or under treatment after his or their return from overseas); brothers married before 4th August, 1914, living in separate establishments and having a child or children not to be counted, in determining the fact that the man is the "only" remaining son or brother; (b) where extreme hardship arises by reason of exceptional circumstances such as the fact that the man concerned is the sole support of a widowed mother, an invalid father or other helpless dependents.

It is to be noted that in all these cases the governing factor is not hardship, loss or suffering to the individual concerned, but to others, that is, members of his family or those depending upon him.

Procedure to obtain leave of absence.

A simple system for dealing with these cases has been adopted. Forms of application have been supplied to every Depot Battalion and an officer of each battalion has been detailed whose duty it is to give them immediate attention. The man concerned should on reporting to his unit state that he desires to apply for leave of absence on one or more of the grounds mentioned and his application form will then be filled out and forwarded to Militia Headquarters, Ottawa. In the meantime, if the case appears meritorious, the man will be given provisional leave of absence for thirty days so that he may return home and continue his civil occupation while his case is being finally disposed of.

ISSUED BY DEPARTMENT OF MILITIA AND DEFENCE
DEPARTMENT OF JUSTICE

Public Cold Storage

By Wilfrid Thompson

THE first public cold storage warehouse, newly built, solely owned and controlled by the shareholders and patrons on the co-operative plan, was put in operation in Saskatchewan recently by the Saskatchewan Co-operative Creameries, Limited. While the plant has not been officially opened the demand has been so insistent from merchants, farmers and the general public for the service to be started that it was deemed advisable to get some of the rooms ready as quickly as possible, and these are now being rapidly filled with eggs, butter, meats, vegetables and farm produce.

The refrigeration machinery has been tested, and all piping and insulation inspected for leaks and defects. Henry Gasvis, superintendent of construction, is highly pleased with the results, and experts who have informally inspected the plant declare it to be the best equipped system in Canada.

The building is a solid reinforced steel concrete and brick structure, comprising 200,000 cubic feet of storage space. On the main floor is the shipping room, freight elevator of 3,000 pounds capacity and platform scales of 2,000 pounds capacity.

In view of both passenger and freight entrances are the gage clock indicators by which the engineer or staff can tell the degree of operation going on in every part of the building without visiting the engine room.

At the main loading entrances and extending into the chilling rooms are meat rail tracks. The meat rail tracks in the chilling rooms have storage capacity of 300 beef carcasses. Other rooms on the main floor are specially prepared for eggs, butter and poultry, and also for fruits and vegetables.

On the upper story of the building are general storage rooms, and extra office space. One large room is especially lighted and designed for the cutting, printing, sampling and grading of butter. The provincial government butter inspector and grader will have his headquarters in this room.

Another similarly designed and finely lighted room is the egg handling and grading room. The Dominion government egg inspector and grader, with the handling and grading staff will have their headquarters in this section.

In the basement are also several separate rooms from 7,000 to 14,000 cubic feet capacity for storage of eggs, poultry, fruits and vegetables.

Day and Night Service.
The engine and machinery rooms are all in the basement. The electric current is supplied by the City of Saskatoon. Here are refrigerating machines driven by two 50 horse-power electric motors, either or both of which are equal to keeping up a continuous day and night refrigeration from 40 degrees normal to 50 degrees below zero. By a direct expansion system a vacuum pressure of 10 pounds to the square inch on a 24-hour basis is made possible by the machinery system used. The engines can operate to produce a cooling and freezing temperature at the rate of 30 degrees per hour down to 50 below zero.

All storage rooms are protected by double press contact spring doors, so that perfect cooling insulation is assured.

The perfect cooling insulation produced by the outside walls of the building is due to the following construction: Brisk 18 inches; asphalt, one inch; cork three inches; asphalt one inch, and cement plaster half-inch, all in even layers of insulation.

The public storage rates for the Saskatoon cold storage plant have been officially approved by the Dominion government through the office of the dairy and cold storage commissioner. Those interested in getting the rates may obtain same from the government direct or from the Saskatoon office. Storage rates and temperatures are quoted for 50 different classes of perishable food products.

Eggs may be kept for six months for 75 cents per 30-dozen case, or for one month 15 cents a case.

Meats, poultry and fish are kept for the low price of one-third of a cent per pound, or at the rate of 30 cents per 100 pounds over one month.

The Grain Growers' Guide

Winnipeg, Wednesday, July 3, 1918

Canada

The Dominion of Canada passed its fifty-first birthday on Monday. For the past three years, this national anniversary has had a greater significance to Canadians than it ever had before. Our part in a war that is being fought for the sake of freedom—a part that has been waged from the very beginning of the world's struggle against the tyranny of Germany—gives new meaning to Canada's claim of nationhood. Physical qualifications do not make a nation any more than stature alone makes the man. In the past, our assertions of greatness have been expressed too often in terms of acres and dollars and cents and railway mileage. Today, without asserting claims of any kind, Canada is regarded in the eyes of the world as a nation of substance as well as a nation of vast physical resources. About the brave deeds of Canada's soldiers overseas, performed in behalf of humanity and not in the heat of military greed, there has been crystallized a new and well-defined Canadian national spirit. Sacrifice and deep pride in the achievements of Canada abroad have forged invisible but mighty bonds of nations' sympathy throughout this Dominion. The strength of this growing and developing unity of spirit will give new vigor and purpose to Canada when the war has been won, and peace has been declared. Looking forward to those days of peace, with the curse of human liberty re-established, the civilian mind of Canada rejoices at the thought of discarding the sword for the instruments of industry and art. In the meantime, and on this anniversary occasion, let the people of the Dominion of Canada take fresh inspiration from the words which have been their silent text, and motto in this war: "the things which are not seen are eternal."

The Austrian Defeat

"Keep your eye on Austria-Hungary" is a sound axiom of the war, wrote A. G. Gardiner in 1914, in *The War Lords*. "There is the breach in the German fortress. The shortest way to Berlin is the longest. It is not by the front door of the house, but by the back door of the Danube, for that door is very vulnerable. It might open at a knock."

The Italian strokes supported by French and British troops last week partially opened that door through Austria-Hungary by their military successes along the Piave River. Following closely upon the revolutionary disturbances in Vienna, the great Italian victory in which 285,000 Austrians were reported to have been lost, may be regarded both from a military and a political point of view, as one of the most important events of the war. The military significance of the recent engagement along the Piave is contained in the fact that German troops and German leadership were absent. Austria was either urged or permitted to enter upon her vain attempts at an offensive against Italy, and as the military expert of the New York Evening Post observes: "Experience of nearly four years has shown beyond question that the Austrians cannot be expected to go it alone." Why was the weak ally of Germany allowed to undertake, alone, "the most ambitious enterprise of the war, an assault on a front of a hundred miles?" Either Germany was unable to spare troops from the western front where another powerful offensive is believed to be under preparation, or for political reasons the Kaiser's general staff thought it advisable that Austria should be given a thorough punishment.

in blood. It is quite possible too that the Central Powers entirely underestimated the strength of the rejuvenated Italian armies. In any case, the failure of the Austrian offensive indicated a favorable military situation for the allied armies under the command of General Foch.

The political importance of the Austrian defeat lies in the circumstance that it came at a time when Germany, according to the best unofficial opinion of the United States and Great Britain, was about to combine a shrewd policy of diplomatic penetration with military tactics. In order to weaken the military strength of their enemies, and if possible divide them with dissension, it is believed that Germany was planning to submit proposals of peace which would offer a settlement of the war on the basis of the complete evacuation of France and the reinstatement of Belgium on the west, and on the east of the Brest-Litovsk and Roumanian treaties which give Germany a dangerous hold upon the whole Russian territory and its outlets to India and China. Such a peace proposal would be calculated to play one section of the Allies against the other, and as up to the present time, no well-constructed political alliance has been formed among the principal allied nations, Germany's calculation in this regard, might not prove to be very inaccurate. At the moment, President Wilson's expressed attitude of tolerance and non-interference toward Russia, is not entirely shared by strong elements of opinion in France and England, which believe that a new military line should be established immediately in Russia, even to the extent of employing Japan, so that Germany would be forced to withdraw troops from the west front. Kerensky's recent visit to the United States and Great Britain has seemed to add strength to the claims for interference in Russia. The whole political relationship of the Allied nations to Russia, therefore, would appear to be most uncertain and unsettled.

Had Austria-Hungary been able to make the same headway over the Venetian plains, that Germany has made in France during the past three months, the prospect for a strong political offensive against the Allies would have been favorable to the Central Powers. The defeat of Austria, however, has greatly changed the psychological situation which Germany hoped to establish to the very utmost. It remains to be seen whether or not the next German offensive on the west front will be able to regain some of the political advantage that was lost to her last week. In any event, it will take much stimulating to bolster up Austria. Bismarck once likened the Austrian Empire to a ramshackle house built with bad bricks, and held together only by means of German cement. The supply of German cement has been heavily drawn upon in Finland, Poland, the Ukraine and Rumania. There is not much left to uphold the Austrian structure.

Political Position

On page 29 of this week's issue of *The Guide*, a special contribution entitled "What Protectionists Want," is published over the initial letters, A.B.C. We hope that our readers will pay careful attention to this letter which appears from the pen of one who has been a friend of long standing to the organized grain growers, and whose name is known throughout Canada as being actively connected with programs of economic and social reform. His letter is an appeal to the organized farmers of the West, "to use

the writer's own words, "by making Union government possible last December, put themselves into an extraordinarily strong political position in Canada." It is an appeal to the grain growers to prevent the protectionist forces in Canada from regaining an exclusive hold on the flagstaff, from which the good old Union Jack was flapped so vigorously in 1911. Our contributor sees a grave danger of such a possibility in what he describes as "the recent tendencies to weaken at the conference of the United Farmers of Ontario, in Toronto, and through the memorandum of the United Farmers of Alberta to the government." "Let the organized farmers make no mistake," he writes; "nothing could please the Tory press of the East more than to see the western farmers break with the Union government over conscription." Recognizing that the present government has made mistakes, he says, "but the government's mistakes make the reasons all the stronger why the cool heads of the organized farmers' movement should not be carried away into entrenching the forward position they have won for themselves in the public opinion of Canada, as they certainly would, if they were made to appear to be weakening on a war measure, the war measure, the Military Service Act."

There is doubtless much truth in A.B.C.'s statement that the protectionist forces would be quick to seize an opportunity to rally their supporters again to the false, loyalty cry, which was used against the West seven years ago. The Guide is of the opinion, however, that A.B.C. is unnecessarily agitated over the possibility of the organized farmers of the West weakening in their attitude towards the Military Service Act, which they expressed so positively last December. The most careful reading of the Alberta memorandum which was recently submitted to the government by H. W. Wood, does not suggest in the slightest degree anything but the most earnest desire to share in the responsibilities of the war, as they are borne by this country. True, the Alberta memorandum impressed very strongly upon the government the inevitable effect of "further measures" such as the recent amendments to the M.S.A., upon food production. They indicated clearly that the output of foodstuffs from Alberta could not be maximized unless sufficient farmers were left on the land. They did so without expressing any prejudicial sentiment. They simply stated facts for the benefit of the government, with the implication that the authorities at Ottawa would be well advised if they would take the trouble to keep people informed, as far as possible, of the actual condition of military affairs in Europe. In speaking thus frankly to the government, the Alberta farmers deserve approval, for if there is one thing more than another in which the Union government has been remiss, it has been in its stupid policy of isolating itself from public opinion, from the very day it was returned to power. There has not been sufficient definite educational work pertaining to the facts of the war, on the part of the government. When that condition exists in a democratic country, only one thing can happen: the people will undertake to tell the government its faults.

No, the whole people of the West, farmers and town people, are as determined to see the war through to a finish as any group of protectionists that ever flourished on a tariff. They stand exactly where they did last December, devoted to the country and to the honour of state, and not to anything else.

Politics and Protection

In the May issue of the Canadian Magazine is the first installment of the personal and political reminiscences by Sir John Willison, for many years editor of the Toronto Globe and later for some years editor of the Toronto News. Sir John has had a long connection with the political affairs of the Dominion and has undoubtedly known the inner workings of both political parties. It is given to few men to be editor of the chief Liberal organ and later, editor of the leading Conservative organ. Sir John's reminiscences make delightful reading and will entertain a wide circle of readers. He discusses in his first article how nearly the Tory party came to being free traders and the Grits to being protectionists. It is best to let him tell it in his own words. The following is the extract from Sir John's article:

For his resistance to protection Mr. MacKenzie (Hon. Alexander MacKenzie, Premier of Canada), gets more praise than he deserves. He was ready to raise the duties from seventeen and one-half to twenty per cent. So were Honorable George Brown and Sir Richard Cartwright and Honorable Edward Blake, and other leading Liberals of Ontario and Quebec. Principle does not concern itself with percentages. If Honorable A. G. Jones and the near-sighted, contumacious, anxious Liberal group from the Eastern Provinces who were possessed by the delusion that they could not carry their constituents if duties were increased, had not gone into revolt against Mr. MacKenzie, he would have raised duties to twenty per cent, and once committed in Parliament and on the platform to the defence of higher customs taxation, who can be certain that the Canadian Liberal party would not have become entrenched in the fortress of protection. There is reason to believe that if the MacKenzie Government had committed itself to higher duties the Conservative Opposition would have adhered to low tariff. The common story is that when Sir Richard Cartwright rose to deliver the budget speech of 1878, it was not known if he would declare

for or against higher duties, while Sir Charles Tupper, who was to follow, knew only that he would not agree with Cartwright.

In a speech at St. Mary's in 1883, Mr. D'Alton McCarthy said: "There is no doubt in the world that we were out of power and by going in for the National Policy and taking the wind out of Mr. MacKenzie's sails we got into power. We became identified with the protection policy, but if Mr. MacKenzie had adopted the protective policy we should have been free-traders." Mr. W. F. MacLean, M.P., whose father was one of the most convincing writers of protectionist literature at this period, had said that Sir John Macdonald was "timid unto death of protection," and "had to be bullied into it, led into it, committed to it by others." Mr. Goldwin Smith declares that when he warned Sir John that "Protection would never do for Canada," he was assured, "You need not fear that I am going to get into that hole." One does not understand how Mr. Goldwin Smith could give any such warning, for he was opposing the MacKenzie Government, putting Honorable Edward Blake as the represented believer in a more liberal commercial policy, and cultivating close personal and political relations with the Conservatives. In a letter to The Toronto news in 1901, Mr. Nicholas Flood Davin said:

"Now as regards Mr. John Macdonald's opinion, he is on record quite early in his career on the side of protection. On the other hand, in 1876, I was in The Mail office talking to the late Mr. Charles Belford, who was then editor under Mr. Patterson, who was manager and editor-in-chief, when Sir John Macdonald entered and said: 'Belford, what do you mean by that article on protection? I'm not a protectionist.' Belford replied: 'It doesn't consult you or the paper. It is marked "communicated." But that policy is taking hold of the public mind, and that is the question on which you will have to go to the country.' The policy of protection was preached on platforms and advocated in The Mail before Sir John Macdonald took it up heartily. He had undoubtedly gone over to free trade with the Disraelian Conservatives, and was fully aware what a bold belief in it had taken of the public mind. He, however, took to studying protectionist books and when he began to advocate protection he brought to bear on its popularization his fine

power of oration; sometimes brilliant, sometimes whimsical, always effective. It is the good fortune of the leading statesmen to get credit not only for the work, but the idea, whereas they are given the credit to deserve the idea."

What Mr. Davin, Mr. MacLean and Mr. McCarthy have said Mr. T. C. Patterson, who was the editor of The Mail during that period, often admitted and emphasized. Yet if it was the fortune of Mr. MacKenzie to take the wrong turn, this was not so much through devotion to low tariff as through submission to a wing of the Liberal party which by high concern for principle or through zeal to save itself gave the whole position to the enemy. After the turnover in 1896 the common injunction among Liberals was to remember "MacKenzie's mistakes."

Sir John's statement has been corroborated by others who knew the political history of those days. Both parties wanted to be in power and the majority of the politicians were willing to do anything to get into office. The Liberal party came into power in 1896 and very quickly became as ardent supporters of protection as had been the Conservatives. From that time until the present protectionism has held the reins and driven both parties without discrimination. It is interesting to know however, that there was once a time when the politicians in the Conservative party were willing to jump either way on the tariff so long as they thought it would catch enough votes to bring them into power.

Ought not as vital an industry as coal-mining be nationalized? When the government takes over the railways, it will not be able to risk a fuel famine. Government ownership of railways should be accompanied by a similar control of coal mines. Incidentally then, the citizens of the country may be able to secure a winter's supply of coal from an agent without having to relate their life's history with each purchase.



THE BACK DOOR TO GERMANY
The Allies: "Main Gott, Haupts! seines vor Alles."

'Square Bill'

By Holman F. Day

SQUARE BILL's office was up over Brickett's general store, and a rickety outside staircase led to it. The old tin sign between the dusty front windows read: "William Gray, Public Pension Vouchers Examiner."

A frequent purr of the coffee grinder, the store beneath was obliging to conversation of Square Bill's mutual clients, and the aroma of spices透了上 through the doorways to mingle with the somewhat stale fragrance of his black T. D.

forgot one of these snuff-hands at county court once, and the lawyers got ribbons and hung it a chandelier in the attorney's with a card reading: "Erected in memory of Bill Gray."

One afternoon "Square Bill" participated for that pipe when he went court, for its "stoutness," after six months of careful smoking, upped to him. But he never looked as high as the chandelier.

Folks who knew Square Bill well knew that he never had looked high in life, either. Men who understood such things said that he knew high law to match any judge on the see bench. But at 73 he was still sitting up in his little office over Brickett's store, smoking his pipe and reading his law books with their shiny, id-smooched bindings.

Litigants of the "good and mad" who came banging up his stairs, for fight, frequently chafed under his jocular word and smile, declared he was "too lazy to put a case enough court," and went steaming to lawyer who would scrup. Therefore court records did not have a long list of cases indexed by "Square Gray." But a lot of folks wiping misty eyes Folks who usually kept still about matters—could have recited a awful roll of cases he had listened to, smiled over and said "Posh!" to, aiding the shamed or consoled parties & with a flex in the ear, about the foolishness of going to law.

"No, there isn't much money in that kind of practice," Square Bill used to admit. "But I never sold a bill of lading into a fight yet, nor rubbed a tomtom's ears, nor drew a writ when it was better to draw receipts."

And hence the label hitched to Square Bill by his townsmen. "Good adviser, but ain't no lawyer."

So! Well, there in the office one afternoon sat the square, tipped back in his chair, his angular knees rocked against the table's edge and supporting a low ink. The wintry fall sunshining through the cobwebs in the window fell upon his shiny, threadbare & supplied the only warmth in mustily-raw atmosphere of the room, afed his nose as he read. His bearded face rose out of a huge, Kyle silk neck stock. The woman Palermo said that "Square Bill" was "moderate" to catch up with the styles. But the women always were inclined to make fun of him as a slowpoke in general, and told humorous stories of the way he kept "old buck hair" in the little rooms adjoining his office.

No sound in the square's place that afternoon except the cozy buzzing of a chilled fly in a corner of the pine and the hisp of a turning book leaf.

Mrs. Micajah Dunham had run the batten rope through the hole in the square's hitching post in front of the store and was now climbing stiffly up the outside stairs. A bonnet, trimmed with dust-spotted imitations of grapes, seemed to pinch her face, and her narrow shoulders also appeared to be pinched together under her shawl.

Square Bill did not get up when she came into the office, but deferentially held his pipe in the tin box on the table, set his hat beside it and pushed up his spectacles. She sat down in a wooden armchair, well to the edge on account of the dust on which her housewife's eye gazed with disfavor.

"Square Bill," she said, "I've

come to consult you legally and I've brought the dockuments." She suddenly snapped herself up, crossed the room and laid on his open book a sheet of crudely scrawled pink paper, on which were pasted brads cut out of red and blue tissue.

"That's almost the best to which I really was knowin'," she said, "though I had a glimmer of an idea for some time. Oh, I tell you, it ain't come on all to me, this thing ain't!"

"What is this?" inquired the notary, lifting it gingerly and pulling his spectacles from forehead to nose. There were some lines of writing, and he read

Jan. 22. Hitched and took her to her boarding place when it snowed.

Jan. 24. Hitched before school and went after her.

The notary skipped into February, after noting a general similarity in preceding January entries.

Feb. 10. Suspect he is making a Valentine.

Feb. 22. Caught him at it and took Valentine.

"This is it, eh?" he inquired, tapping the gaudily decorated sheet on the table.

"That's it!" she snapped. "Besides all that, it's been a continual paddlin' out to her all this last summer term of

brought her work-stained hand down on the chair rail. "This thing ain't the fit of a minute, 'Square Bill; it's been a-comin' on and a-comin' on. I ain't a woman that switches and runs and runs away at the first boo—but when I do get started, you nor no one else can't stop me."

The notary peered at her over his spectacles during this declamation.

"I'm not going to have a fight with you, Esther," he said, mildly, smiling into her excited and hostile eyes. "But you do surprise me about Caje. I always thought he was as steady going as a stone boat. There isn't insanity in his family, is there?"

"Insanity! Cat's foot!" she retorted, angrily. "The fool jest gone and fell in love, that's all."

"You and Caje were about the first couple I recorded when I was elected town clerk," he said, leaning back in his chair. An old dog lay under the table. "Square Bill, as he talked, began to gently scratch the old dog's back with his dangling toe, and the dog responded by gratefully stamping his tail on the floor.

"I wish the minister's tongue had been paralyzed before he ever pronounced the words," she rippled apidly.

"Always a hard-working man. Caje was," the notary reminisciently went on. "At it tough and tight all the time. This—this love business hasn't taken his mind off the farm, has it?" he inquired.

"Oh, he's stowin' and fubbin' most of the time, as usual," she admitted, grudgingly. "But this ain't gettin' on to that do-rose, 'Square Bill. You needn't beat the bush nor—"

"Let's see!" he mused. "Poor, crazy Ben Haskell's girl, Liza, is teachin' in the Dunham District, I believe. Is she as pretty as her mother was before her?"

"High-headed snippet," snorted Mrs. Dunham. "But I've took her down a peg or two, I can tell you that. I called her out to the door twice and give her an earful, and yesterday I went straight into the schoolhouse and give her her come-uppance right before her scholars. I'll show her tain't safe to meddle with my husband."

"What did she say?" asked the old man, with some interest.

"Cried baby and sniffed each time, and said she wasn't nose to blame," the woman replied, scornfully; "but ya needn't tell me that any man is draggin' after a woman's gown tail if there ain't encouragement. 'T'ny rate, I've been 'round the deestruck among the fan-lies and she's goin' to be put out o' that school. How long will it take me to git my bill from Mr. Dunham?"

"Is all your hurry so that he can marry the schoolmarm or so you can ring in number two?" he inquired, with a little chuckle. Her face paled and then flushed. "I should hate to see her in your house, Esther," he said, a queer flicker of amusement in his eyes: "these young gaffers of girls aren't good housekeepers, as a rule."

"She shaan't ever have a stick of my stuff," she snapped, but her voice broke and her eyes filled with tears. "I—I hadn't thought of 'Caje gittin' married up in," she said, uncertainly. "But I guess I see now—that—that he has been wanting to git red o' me by doin' all these things—and he used to think a sight o' me, 'Square Bill.'

He looked intently into her angular face with its hard mouth lines.

"You know I'm not much of a hand to soft-slap and compliment, Esther," he said. "I knew you at school and I've watched you more or less since. You were kind of cute as a girl, with your way of spitting out what you thought, but the same tricks in kittens and old cats look different. You've sagged and brotheaten your husband all your life, and you know it!"

His tone was severe. "You could have driven 'Caje Dunham with a cotton thread and teamed him anywhere. But you used gead sticks and hot pitch and a twist bit, and it isn't any wonder he's got skittish and balky."

Continued Next Week



Out for a Roll on Pine Lake, Alberta

them along in dry, legal monotone, the woman greeting the sentiments with scornful sniffs—

For them that love, the world is bright. And when it's bright it is a sign That some one's eyes must shed the light;

Oh, darling, be my Valentine!

"I caught Mr. Dunham writing that tormented scold out of a book at the teekerty in the best room," she said; "and that was as long ago as last February. And I took it away from him. But I reckon he slyed 'round somewhere and made another one. He's been dead set and possessed by the Old Harry for months. 'Square Bill,' till I'm plumb out with him and I can't stand it no longer. Now you can see by this what I've had to put up with."

She entwined a long roll composed of many sheets of note paper pasted together, and he read in the same calm voice her penciled entries:

Jan. 17. He carried paper bag of Northern Spice to schoolhouse door.

Jan. 18. He took broken candy to door.

Jan. 20. He visited school.



The Old Fishing Hole

Dry Farming in Western Canada:



Making the Best Use of the Water in the Soil—History of Dry Farming—Summary of Dry Farming Practices.

By Prof. J. Bracken

found that "on a sandy loam, not cultivated, 600 pounds of water were transpired to produce one pound of dry matter; on the same soil, cultivated, only 233 pounds were required. On a clay loam, not cultivated, 685 pounds of water were transpired for each pound of dry matter, whereas on the cultivated soil only 428 pounds were necessary. On a clay soil, not cultivated, 753 pounds of water were transpired for each pound of dry matter; on the cultivated soil, only 582 pounds."

The evidence of these and other investigations clearly show that the more fertile a soil is the greater yield it will produce from a given supply of moisture. This is the chief reason why dry farmers should strive to maintain the fertility of their soils. While our soils are now and rich our average rainfall will produce an average yield. As soon as they become less fertile the same amount of rain will produce a much smaller crop.

1. By not plowing under thick layers of dense grass or other rubbish, unless time sufficient for the decay is allowed before seeding the next crop.

2. By not plowing under a heavy stubble in fall or spring unless the land is to be thoroughly compacted so that the moisture in the subsoil may rise into the furrow slice to meet the needs of the crop.

3. By seeing that in all fall or spring plowing the overturned furrow is brought firmly in contact with the subsoil, so that there may be the least possible interference with the free movement of moisture.

4. The application of manure in such a manner, at such a time and in such an amount that it will quickly decay and not interfere with the movement of soil moisture. Coarse strawy manure and stubble are often worse than useless until they have decayed, after which time they exert very beneficial effects on the moisture absorbing and moisture holding capacity of the soil.

Utilizing Soil Water

The soil moisture will be utilized most efficiently if three things are done: (1) The supply of available plant food kept up; (2) drought-resistant crops grown; and (3) suitable crop management practices followed.

Keep the soil rich. The chief function of the water stored in the soil is to dissolve plant food and carry it through the root hairs into the plant. The more plant food a given unit of water can carry into the plant the more efficient the water is. It has been found that on rich soils a given amount of water carries very much more plant food into a plant than does the same quantity of water on poor soils.

Wisdom states (1) that on a naturally fertile Utah soil 908 pounds of water were required to produce each pound of dry matter in corn. (2) that when this soil was manured only 613 pounds were required and (3) that when commercial fertilizer was added only 585 pounds was necessary to produce a pound of dry matter. Similarly he

finds crops which can be sown early and that reach their greatest growth during the late stages of the rainy season, and that ripen before the dry autumn months, are the most satisfactory to grow. This is why oats, an annual crop, is more generally used as hay than the grasses which are perennial. It explains why sweet clover yields more than alfalfa and it is why the grain crops are the ones best suited to our climate.

The value of intertilled crops has long been appreciated by dry farmers. The large yields after corn and potatoes, the former particularly, are well appreciated. The difficulty has been to grow either of these crops profitably in a large way under present economic conditions. As land becomes higher in price, and labor and equipment cheaper more intensive methods will pay better than extensive ones, but at present the greater profit is probably to be found in the latter in most parts of the West.

Crops That Promise Most

The crops of undetermined value that promise the most for the dry farming districts of Western Canada, and that warrant very careful trial are:

Grain Crops—For sales Durum wheat, Kishmukh and Pelleier; Marquis and Red Fife (best at present); Winter rye (N.D. No. 979). For feed: Spring rye (Potkus); Einkorn; Two-rowed (Hannover or Canadian Thorpe) and naked (white barley) barley; Early and late oats (late sow generally used).

Forage Crops—For summer pasture, sweet clover; for fall pasture, rape; for winter pasture, corn; for perennial pasture, Western rye grass, bromo grass and alfalfa; for seedling crops, alfalfa in rows; for winter feed, corn; oats, sweet clover.

Suitable Crop Management Practices

The crop management practices the dry farmer in the Canadian west should avoid are late seeding, thick seeding, shallow seeding and late harvesting. Each of these in dry seasons and in dry areas is likely to result in lessening the yield secured.

The time to sow.—The two factors that chiefly determine the best time to sow are the temperature and moisture conditions of the soil. If crops are sown too early they may be injured by late spring frosts or the seed may die before the seedling gets above ground. Aside from this danger the seeding of our hardy cereals, wheat, rye, oats and barley should be done early. If the seeding can be done early enough the moisture from the melting snow will germinate the seed, otherwise in fall or spring plowing the germination may be seriously retarded owing to lack of rain in the early spring.

The amount to sow.—This seeding is a recognized dry farming practice. drier the district the less seed acre used, while the more humid the district and the shorter the growing season the greater the quantity that should be sown. Campbell recommends as little as 18 to 20 pounds of winter wheat; 2 to 25 pounds of spring wheat; 20 to 2 pounds of oats and 35 to 40 pounds of barley per acre in the dry parts of the Western States. The United States Federal Department of Agriculture recommends the following rates for Montana: Wheat one bushel; oats one to one-and-a-quarter bushels; barley, one to one-and-a-quarter bushels; flax 15 to 20 pounds. For the dry parts of Western Canada rather heavier seedings than those recommended for Montana should be used. Of course, in the more humid sections of the west such heavier seedings are necessary.

Sow into the moisture.—In dry areas the limiting factor in germination usually moisture. Where rains never come in the spring season the dry seeding is of relatively little import, but in this climate very little rain falls in the early spring and if germination is to be assured seeding into the moist soil is necessary. Of course, the land should be prepared in such a way that the moisture is not at too great a depth.

Use non-shattering varieties.—Very great losses frequently occur through the shelling of overripe or easily shattered seed as a result of heavy winds at harvest time. In order to lessen this danger two practices may be followed, first, use crops that do not shatter readily, and second, cut before the crop is dead ripe.

Among the wheat varieties that shatter least are the Durum types and Marquis. Durum seldom shatters even under the worst conditions while Marquis is known to be more non-shattering than any other of our commonly grown varieties.

History of Dry Farming

Most of the practices of Dry Farming are probably very old. The ancient civilizations of the Orient, the Euphrates Valley, Palestine and Egypt were developed in dry climates but chiefly in areas where artificial irrigation as

Continued on Page 21

Parliament and Patronage

Some Members favored Elimination of Patronage in Theory Only—The Spirit was willing but the Flesh was Weak—Bill Finally Passed.

By The Guide's Ottawa Correspondent

In future it is proposed to apply
ments to both the inside and outside



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Orientalized on page 42

4/14/82

United Farmers of Alberta

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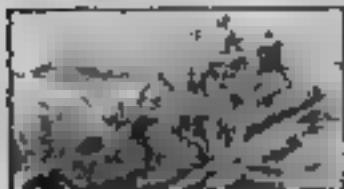
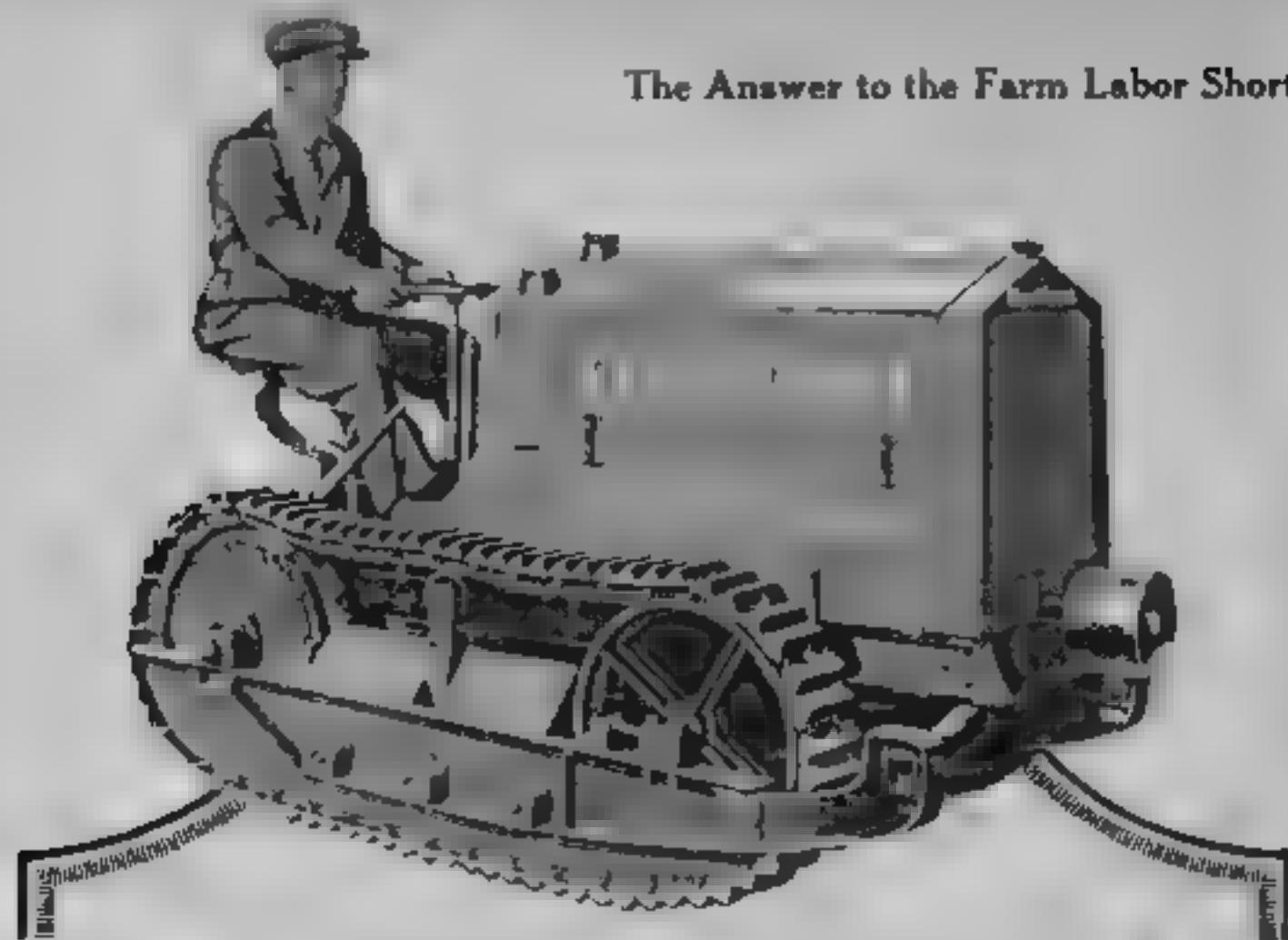
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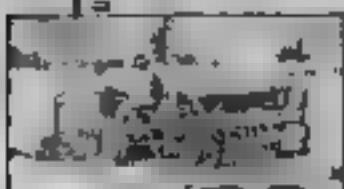
The Answer to the Farm Labor Shortage



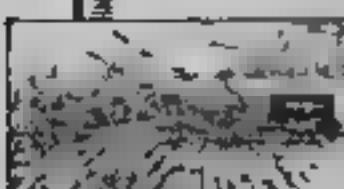
Plowing



Harvesting



Plowing



Plowing



Sowing



Grazing



Orchard Work



Harrowing

THIS farm labor situation is serious. And little relief is in sight. The new draft will take more men. More horses and mules must go.

But in the face of these handicaps production must be increased—and it can be if you adapt the right equipment.

The Cleveland Tractor has shown the way on thousands of farms. It has succeeded in saving man and machine—by turning itself into the modern "Man of all Work."

The Cleveland Tractor plows as much ground as three good 3-horse teams and three teams—eight to ten acres a day.

It actually does the work better. And it harrows. It plows. It cuts hedges. It cuts grass. It saves manure spreaders and manure machines. It drags logs and does the work of two horses. Its mechanical power can do almost the impossible. It can pull a 10-ton load and still have 10 horse power at the gallery. But it weighs less than 200 pounds.

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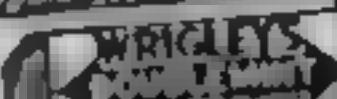
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- 4—Helps digestion
- 5—Keeps teeth clean
- 6—It's economical

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Keep the position and
distance comfortable



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Finished Two-Year-Old Steers

Cost of Beef Production at Strathmore, Alta.

By Dr. J. G. Rutherford

T

he cost of finishing two-year-old steers at

Strathmore, Alta., is

as follows:

1. Purchase price

2. Cost of feed

3. Cost of labor

4. Cost of equipment

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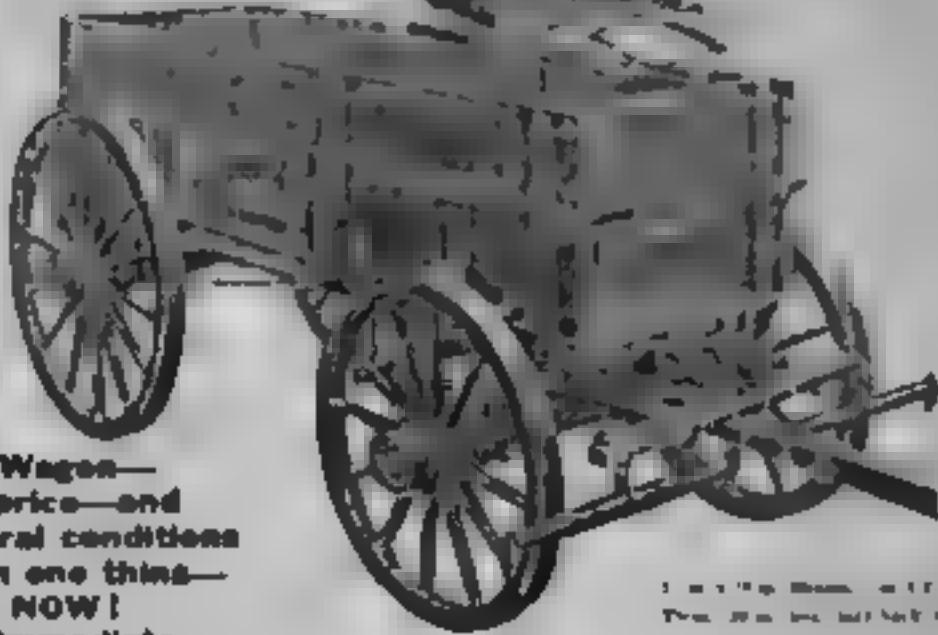
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Montreal, Quebec

Special Money Saving Price Coupon

Mail to me today — No cost

A WAGON OPPORTUNITY

\$108⁹⁰



The Wagon—
the price—and
general conditions
mean one thing—
BUY NOW!
Get immediate
delivery.

Buy the Wagon at \$108.90
Price, \$108.90, and Net cost
Tax and Tax Wagon, \$108.90

If you can do without another wagon for a few months do not put off your purchase. We were getting horses so we bought far in advance—that accounts for the low price. A horseless prairie out like wagons take double the advertising ratio, so you get the benefit of our forehand advertising.

Call or write us for further information or application. We will send you a Catalogue.

Wagon shown sells at Regina for \$126.00, Moose Jaw, \$118.00, Calgary, \$127.00. Other stands and sizes correspondingly low in price.

UNITED GRAIN CROWNS LTD.

Montreal

Edmonton

Saskatoon

Calgary

For Accurate
Information of
British Columbia

Send for our free and valuable
Circulars, also "Information Book."

Pemberton & Son
100 Main Street, Vancouver, B.C.
REGALIA 1011

Pure Bred Hogs For Sale
DUROQUERREYS AND LARGE TYPE POLAND-CHINAS
FOR SALE

GLENCARNOOK STOCK FARM
BRANSON, MAN.
REG. P. D. REGISTRATION NO. 100

**CURRIE
GOPHER
KILLER**

For sale by the manufacturer
of the best gopher traps in the
world. The Currie Gopher Killer
is the best trap ever made.

Manufactured only by the
Great West Products Co.
REGALIA 1011

OXFORD SHEEP for SALE

H. S. CURRIE Castor, Alta.

WOOL, HIDES AND SENECA ROOT

Regalia 1011
REGALIA 1011
REGALIA 1011

E. S. ROBINSON
REGALIA 1011
REGALIA 1011

An advertisement for Omega Matic watches. It features a black and white photograph of a man in a dark suit and tie, looking down at his Omega Matic watch. The watch has a dark dial with large, light-colored Arabic numerals and a date window at the 3 o'clock position. The brand name 'OMEGA' is printed in a bold, sans-serif font at the top of the advertisement.

**For
Stocker and Feeder
CATTLE**

Write one of the following names
in large letters on another page.
Edmonton Stock Yards
EDMONTON LTD.
CALGARY STOCK & FEEDERS
A. B. A. S.
UNITED STOCK & FEEDERS
B. F. HARRIS LTD.
THE STOCKYARDS COMPANY LTD.

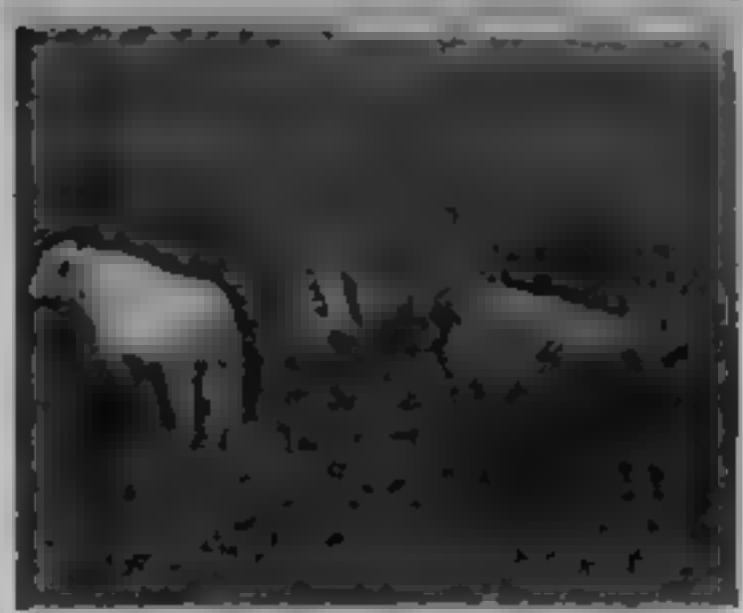
W.H.S. WOOLER

**Make Big Money
Boring Wells**

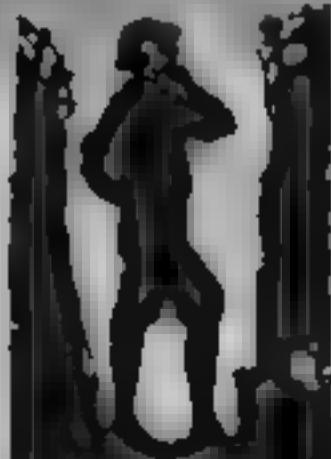
Fitting Room Flyer



Burst of Single Transitions



For more information, contact the U.S. Environmental Protection Agency's Office of Water at (202) 260-1900.



Private Room

1. $\frac{1}{2} \times 2 = 1$
 2. $\frac{1}{3} \times 3 = 1$
 3. $\frac{1}{4} \times 4 = 1$
 4. $\frac{1}{5} \times 5 = 1$
 5. $\frac{1}{6} \times 6 = 1$
 6. $\frac{1}{7} \times 7 = 1$
 7. $\frac{1}{8} \times 8 = 1$
 8. $\frac{1}{9} \times 9 = 1$
 9. $\frac{1}{10} \times 10 = 1$

Price \$1.00
4 Issues per year
Subscription
Society Board Co.
1917



**Antistrop
RAZOR**

Artificial limbs are admitted DUTY FREE, SOLIDERS and others should get the best



FIBRE 330 - NEW

"I Would Not Part
with it for \$10,000!"

The Tutorial
Book Project

• 100 •

www.bsp.org.in



Table 1. Mean Number of Pairs

International Soil Products Exposition
Date set for October 16 to 26—\$10,000 in Prizes

T

million being a \$100 cup for best and most artistic display of apples grown by one exhibitor.

one set of prizes
in other fair or exhibit
will exceed six mil-

Government Assistance in Seed Growing
Improving Field Crop Competitions, Seed Fairs and Exhibitions—Grain Growers' Elevators for Seed Cleaning—G. H. Clark, Dominion Seed Commissioner

A

as a great may be
of an agricultural

only \$35,000 was paid on sub-
this account during each of

the growing stockling or root crop and
the growing seed crop produced them

"Bissell" Disk Harrows

The Bissell Disk Harrows have a unique design. They have been built up from the old fashioned wooden harrow and modified to bring pulverized soil. This is the secret of good tilage.



The Bissell Disk Harrows are used for turning the soil, breaking up clods, and preparing the ground for sowing. They are also used for breaking up grass and weeds before sowing.

The Bissell Disk Harrows are used for turning the soil, breaking up clods, and preparing the ground for sowing. They are also used for breaking up grass and weeds before sowing.

The Bissell Disk Harrows are used for turning the soil, breaking up clods, and preparing the ground for sowing. They are also used for breaking up grass and weeds before sowing.

T. E. BISSELL CO., LTD., ELORA, ONT.

DODGE

WOOD-SPLIT PULLEYS

Save
Gasoline



Save
Gasoline

Farmers—You Can Get a Dodge Wood-Split Pulley at Once!

The stockmen listed carry ample stocks in sizes of approximately diameter and upwards.

The Dodge Wood-Split Pulley is to be recommended because it is economical to buy and very easily maintained. The belt does not slip on the surfaces of the pulleys, therefore it doesn't waste gasoline power.

Write to the address below for the name of

Dodge Manufacturing Co. Limited

1000 DODGE AVENUE, TORONTO, ONTARIO,
 CANADA
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 CANADA
 1000 DODGE AVENUE, TORONTO, ONTARIO,
 CANADA



You Don't Buy Hay Tools Very Often Choose Quality When You Do

get the most out of every trip round the field—that means U.G.G. Acme Haymaking Machinery.

Mowers

Rakes

Sweep Rakes

Buncher Attachments

Rake and Tedders

Stackers

The Mower Shown Above

Acme Class All parts are large and strong—not merely a longer cutting bar. Such construction creates durability. The pitman is easily straightened with the proper bar, giving much more strength to cuts. Many special features in this model.

5 ft. Cut. Minimum Tension. Trees and Yards. Weight 220 Pounds.
Winnipeg, \$75.00; Regina, \$75.00; Saskatoon, \$79.45; Calgary, \$80.75

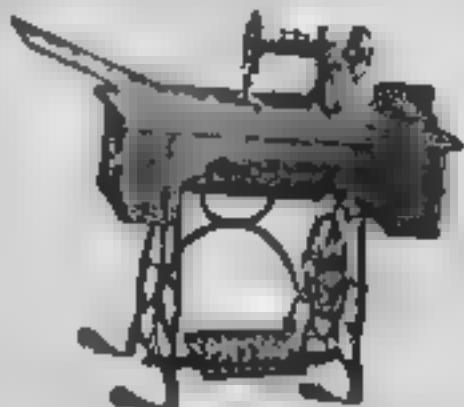
UNITED GRAIN GROWERS LTD.

Winnipeg

Regina

Saskatoon

Calgary



Universal Model H

'25.95

For Sale by
General Supplies Limited
10 Avenue W.

General Supplies Limited

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Pianos

Everything in
Music

Violins
Drums
Piano
Cello
Banjo
Guitar
Harmonica
etc.

WRITE FOR
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THE MUSIC MERCHANT
The Largest Selection of
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Harmonicas, etc.
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By Postage Paid
WANTED

July 8, 1918

14489

Dry Farming in Western
Canada

See That Hitch!

The Wilson Patented Lever Hitch
TRACTOR, LIGHT WEIGH

Found Only On

The Wilson



Happy Farmer Co. Ltd.

1000 West Broadway, Vancouver, B.C.

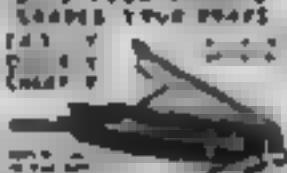
Phone: 222-2222

Telex: 222-2222

Wire: 222-2222



DITCHER & GRADER
P. 1 1918 P. 2 1918
GRADERS 1000 FEET
DITCHERS 100 FEET
CULTIVATORS 100 FEET
HARVESTERS 100 FEET
PULL THE WORK OF 30 MEN
SOME ARE NOT REQUIRED



TRY DALL, RIVE &

MAIL THIS TO SATURDAY EVENING POST, NEW YORK CITY

The BARNEY

One-Horse or One-Man
Combination Grain Loader
and Derrick

\$64.00

plus freight

Write
for descriptive lit-
erature and rec-
ommendations

SAMPLE TO EXHIBIT
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SAVES LABOR AND
EXPENSE



The Paul Barney Company

Box 300 • Seattle, Wash.

Repair Men Gone to War

What repair men say about cutting down tractor repair bills

The repair men must work constantly. Meanwhile repairmen are constantly leaving for the front.

50% of all internal combustion engine troubles are due

to savings of from 10% to 30% in fuel consumption and from 30% to 80% saved in oil as

grade of Gargoyle Mobiloids specified for their tractors by

caused prematurely by incorrect lubrication are burned out bearings, worn piston pins,

Scarcity of farm help was probably one reason why you bought a tractor. Don't wait until

Mobiloids

call for the help of a service man.

grade of Gargoyle

would be fewer interruptions during the busy season.

In Mobiloids are approved by practically every tractor manufacturer. Many of these distinctly recommend their use.

That oil is specified in the Chart of Recommendations is the right. If your tractor is not listed, write for booklet containing complete Chart of Recommendations and other valuable data.

To Correctly Lubricate Your Automobile

IMPERIAL OIL LIMITED

Mobiloid, Mobilite and the Service of Mobil are registered trademarks.
Manufacturers of Gargoyle Mobiloids in Canada.

C You do not see what you want advertised in this issue? Write to us and we will send you a copy of our catalogues with the answers.

Peerless Poultry Fencing



TRACTOR MAINTENANCE

Chart of Recommendations

for Tractor Maintenance

by Gargoyle Mobiloids

Grade of Gargoyle Mobiloids

Specified for Your Tractor

by Gargoyle Mobiloids

Grade of Gargoyle

Mobiloids Specified

for Your Tractor

Call for the free booklet

"How to Cut Down Repair Bills"

on tractor maintenance.

Write to Gargoyle Mobiloids

Grade of Gargoyle

Mobiloids Specified

for Your Tractor

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Farmers' Financial Directory

THE CANADIAN BANK OF COMMERCE

Central Fund Up \$15,000,000 **Reserve Fund - + \$15,000,000**

A GOOD INVESTMENT

The point of view of the author of the original document is that the last stage of the process is the most important.

The Dominion Bank

Established 1871

Print By Peoples and Brothers. 1844. - 10.
Title-Page.

E. L. Patten *Supervisress of
Instruction, Worcester, Mass.* **Winnipeg**

E. L. Patten *Supervisor of Mathematics, Worcester, Massachusetts* **Winnipeg**

Source: The Museum of the City of New York.

E. L. Patten Superintendent of Western Branches **Winnipeg**

Particular Events Against the People

HAIL INSURANCE

THE HOME

ASSETS 1,544,041.851.38

HAIL INSURANCE

מג'זינ'ס

Great North Insurance Co.

A Brief Summary by three Doctors in Acting and Descriptives

For Admissions and Student Payments

We also write FIRE AND LIVESTOCK INSURANCE

This is an addendum to **NETT VATER**

100

Oddfellows' Block **CALGARY, Alta.**

EMPIRE FINANCIERA LTD.

ENTRE FINANCIERS LTD.

John Decker, Bishop

Bacon Hogs Wanted



Canadian Bacon.

This world-wide demand assures good prices for the hogs you can raise.

Buy more brood hogs—select registered.

If you need money for any of these purposes, see the Manager. The Merchants Bank is always ready to make loans to progressive farmers.

THE MERCHANTS BANK

New Office: Montreal, PQ CANADA

Established 1864.

SAFE, PROMPT AND OBLIGING

THE BANK OF TORONTO



ROYAL BANK OF CANADA



Universal Wagon

\$129.50

General Supplies Limited

Gleanings from my First Session

Mr. Maharg's Address at Shaunavon and Gulf Lake

S

Editorial Department

Business Department

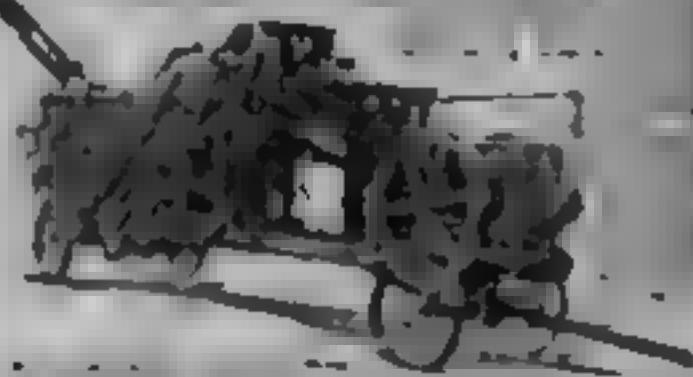
The Burden of the Tariff

Imposed on the People for the Benefit of a Class

The higher the tariff the higher the cost of imports. The higher the

HECLA FURNACE

"CHAMPION" MODEL CLOTHING AND TRIMMING



"Some fine day, Bill

"I'll put on some life insurance and when I do I'll take it with you."

In these words last summer a young man declined to apply for an *Universal Life* policy to protect his widowed mother against the contingency of his death.

Four weeks later he and a friend were

THE IMPERIAL LIFE Assurance Company of Canada

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第 1 章 项目管理

by expenses. During time spent
and factors were attached
to show that their profits

PROMOTER CIGAR

10¢

Friendly meet. The success of the gathering depends on the sobering influence of the cigar. A man烟 of selected and carefully matured Havana leaf, or other tobacco. The Promoter cigar.

Promotes
Good
Fellowship

It's a Davis Cigar!

S. DAVIS & SONS, Limited,
Montreal

The Power Behind
Your Farm Work

A Fairbanks-Morse "Z" Engine

You can see for yourself demonstrating that the "Z" is the greatest engine there is.

At Motor Power Day at the Fairbanks-Morse Power Station, 8th Street, Times Square, New York, June 10, 1926, you will see the greatest engine there is.

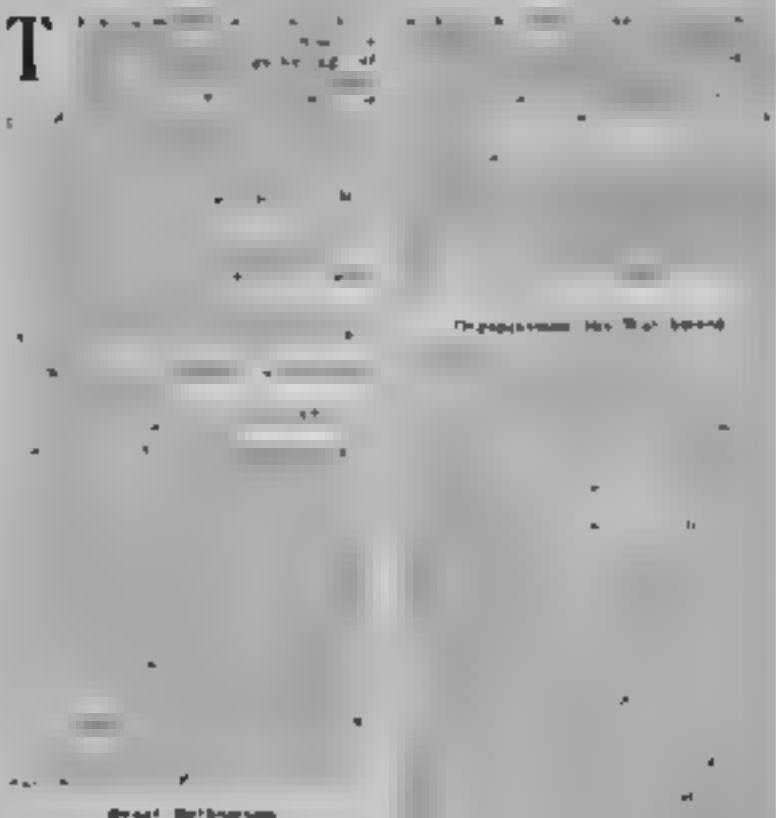
The Complete Fairbanks-Morse
Power Generation
WATER - GENERATOR - GASOLINE

For more information, write to
Fairbanks-Morse Company, Bridgeport, Conn.



Ontario Farmers' Meeting

Impressions of the Convention held in Massey Hall, Toronto, on June 7—By Rodersch McKenzie



Great Hall, Massey Hall

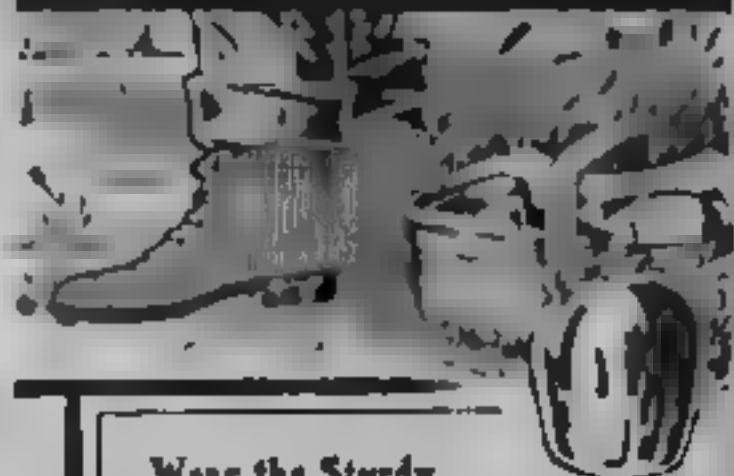
Impression of the Press



The Photo, courtesy, Fair, Fair, M. M. Co.



In the Fields



Wear the Sturdy FLEET FOOT SHOES

and enjoy the easy comfort which these economical shoes give.

FLEET FOOT

is for work as well as for play. Staunch, sturdy styles like the "WORKMAN" and "EVERY-DAY" stand right up to any farm work—yet are light and easy, and enable you to tramp the fields all day without the feet getting over-tired.

The leading Shoe Stores have FLEET FOOT styles, shapes and sizes for every member of your family—for work or play.

How genuine without the name FLEET FOOT stamped on the side. Look for the name.

The best Shoe Stores sell
FLEET FOOT

Dominion

What Protectionists Want

They would like to see the Organized Farmers Break with the Union Government over Conscription

Editor Gould: By making it more difficult to get men into the trenches, plus the old boys in the trenches ready.

Editorial of *Star Weekly*

DUNLOP TIRES

Special Tread - Traction Tread

Long in Service

More People buy
DUNLOP TIRES
because they have to
buy them less often.

Greatest
Safety =

Greatest
Mileage



HEADLIGHT OVERHAUL

HAIL INSURANCE

THE HAIL INSURANCE CO. OF NEW ENGLAND

GENERAL AGENTS
AMERICAN & NATIONAL General Agents
and all other agents throughout the country

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AMONG NATURE'S SCENIC WONDERS

Choice of Routes

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W. J. O'LEARY

General Travel Agent, Wyoming, Wyo.

The Deeper Life

On Human Nature

By Rev. S. G. Bland, D.D.



And weave that policy well and
But no such word as that could
it make us from such blindness

Champion Asbestos Lined Copper Gaskets Mean Dependability



Champion
Dependable Spark Plugs

Dependable Spark Plugs

2. **What** is the **best** way to **get** **rid** of **your** **excess** **body** **fat**?

the most important thing is to make sure that the
new system will be able to handle all the different types of
data that we have. We also need to make sure that the new
system is reliable and can handle large amounts of data.
We will be using a cloud-based system to store our data,
which will allow us to access it from anywhere and at
anytime. We will also be using machine learning algorithms
to analyze the data and identify trends and patterns. This
will help us to make more informed decisions and improve
our operations.

Champion Sports Play Co.
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For more information, contact: www.fcc.gov

Page Fencing Prices Slightly Lowered



THE PAGE WIRE FENCE CO. OF CANADA LTD.
Western Branch—43 Notre Dame Street East, Winnipeg G. O. MCHOL, Branch Manager

Get Rid of the Rooster

Infertile Eggs are Better Keepers

By J. E. Bergey, B.S.A.



IF YOU HAVE ANY
WORLD
**SHIP IT
DIRECT
TO US**

DON'T FORGET!
This Month
Price

John Hallam
LTD.
Dept. 10, Nathan Building, TORONTO

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Send for our free Catalogue—
the most complete ever published
on shoes and leather goods.

And for those remarks, we believe you know have a
beautifully illustrated Catalogues without further delay.

Free to You—With No Purchase Required

only, as a means of promoting thrift, this Catalogue
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changes it illustrates and describes—things everyone needs, not
luxuries, but necessities, and every one good.

What you will find illustrated and described:

Home and Garden	For the Table	Kitchen Utensils
Household Linen	Bedding	Washing Machines
Automobiles	Paint	Machinery
Men's Clothing	Auto Accessories	Furniture

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NEWMAN CO.

1000 Yonge Street, Toronto, Ontario

500 Bloor Street, Toronto, Ontario

1000 Yonge Street, Toronto, Ontario

500 Bloor Street, Toronto, Ontario

1000 Yonge Street, Toronto, Ontario

500 Bloor Street, Toronto, Ontario

The Country Homemakers

A Full All Together [®] Conducted by Mary P. McCallum

T

Planning a Garden



Planning a Garden

Planting Seeds

Weeks to Plant

Days
Off

which they
in Canada

Length of Season

Best Green Response

Starts in Late

July 8, 1918

Farm Women's Clubs

New York State

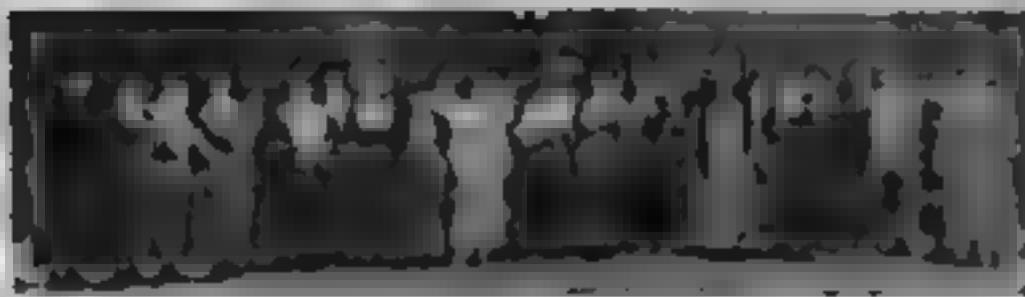
B

Yankee Red

Orange Peacock Green

Yellow or Blue

White or Yellow

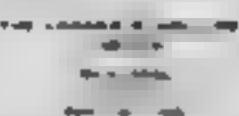
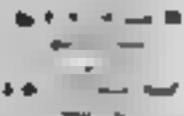


New York State

Decorative Felt & Organized

Support the Red Cross

SAVE SUGAR By Using
CROWN BRAND
CORN SYRUP
for all Sweetening



Are You Insured Against
HAIL!
The Acadia Fire Insurance Company
Provides Assurance for the City of London, Ont.
and the surrounding districts.

YOUR CHANCE
TO HELP MEATBOY



MEATBOY

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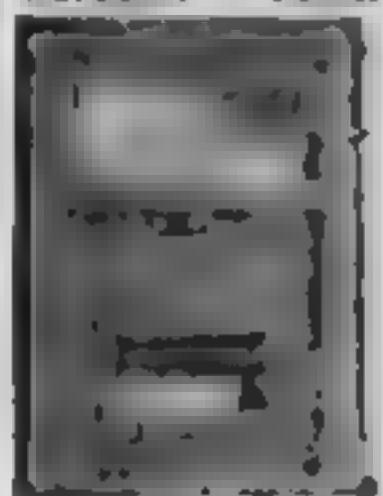
MEATBOY

MEATBOY

International
Correspondence
Schools

1000 Schools in 40
States and Canada

Winnipeg Marine & Fire
Insurance Co.



It Pays
to
Use the
Best!
Windsor
Dairy
New Salt

MUSIC. TRAVEL. FREE

600,000,000 miles

1000 Schools in 40
States and Canada

1000 Schools in 40
States and Canada

Conservation Recipes

The following recipes were tried using soft water if possible. Boil three or four hours, adding onions in



BLUE RIBBON TEA

Many teas cost more than they are worth; a few teas are fair value; but

BLUE RIBBON TEA

is worth more than it costs.

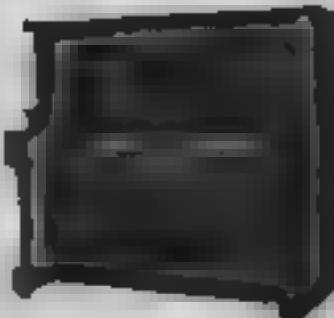
Food Must Follow The Flag

Guaranteed Quick, Positive Results, Can Be Operated by a Child

Write for Catalogue
Food Must Follow The Flag
The Canadian Home Canning Association Ltd.
97 St. James, Montreal

Buy Your Piano
or Phonograph
on Easy Terms

AT EASY TERMS FROM
REGULAR DEALERS
Piano & Organ - \$100-\$1000



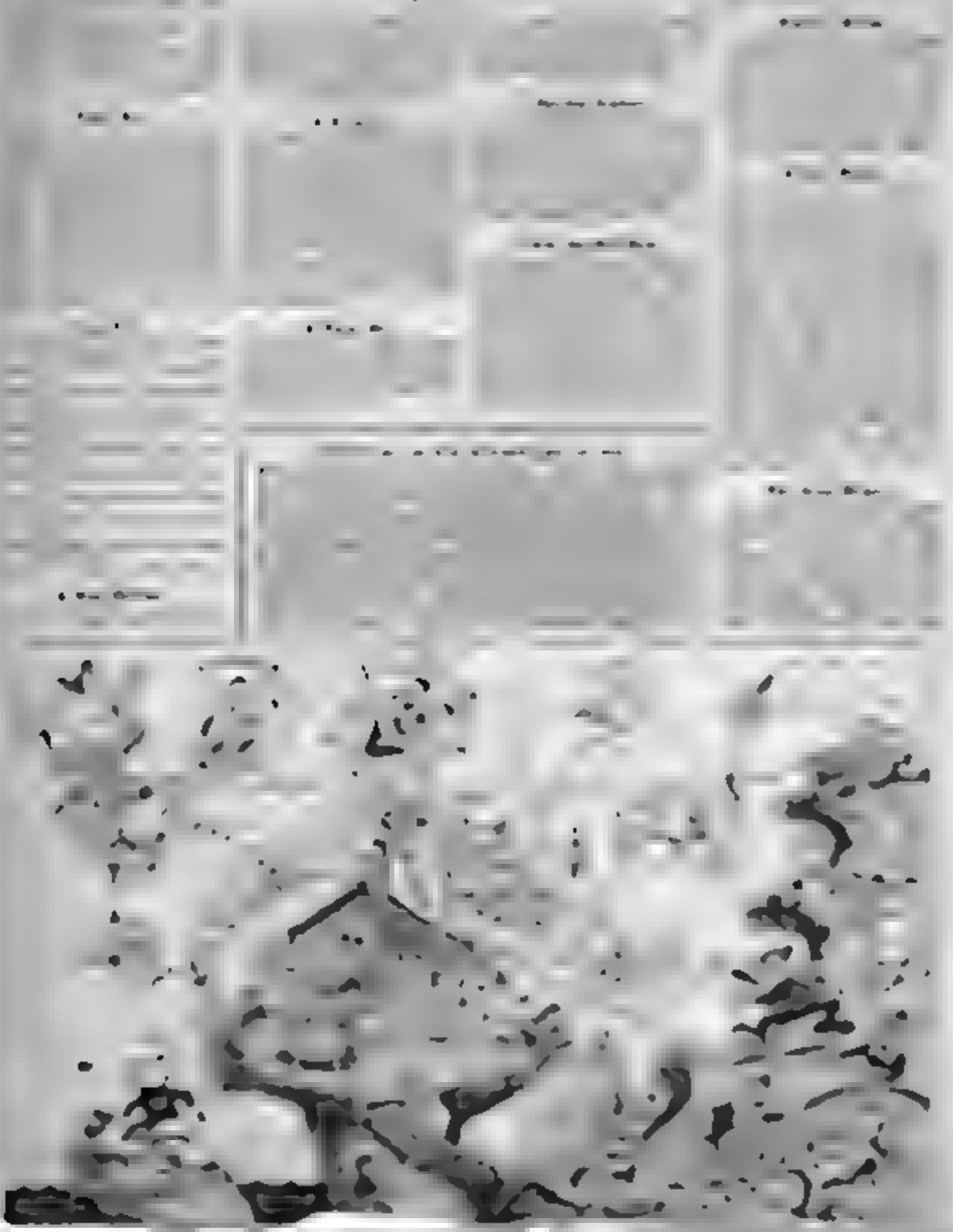
WINNIPEG PIANO CO.

Rupert's Land Ladies' College

The Country Girl

Young Canada Club

By Dixie Patton



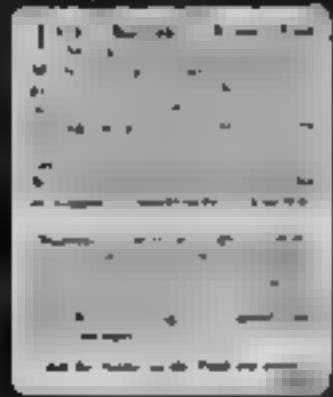
July 3, 1918



CREASTLANCE TANKS



Cheapest because they're the Best



Pacific Building Co.
Montreal, Vancouver,
Victoria, Vancouver, B.C.

DEAFNESS

DIAGNOSIS AND TREATMENT

LUMBER



BY

Save from
\$150 to \$250



Parts to Consider



Our New Catalogue



The West Portland
Co-operative Lumber Co., Ltd.
600 Columbia Street, VANCOUVER, B.C.



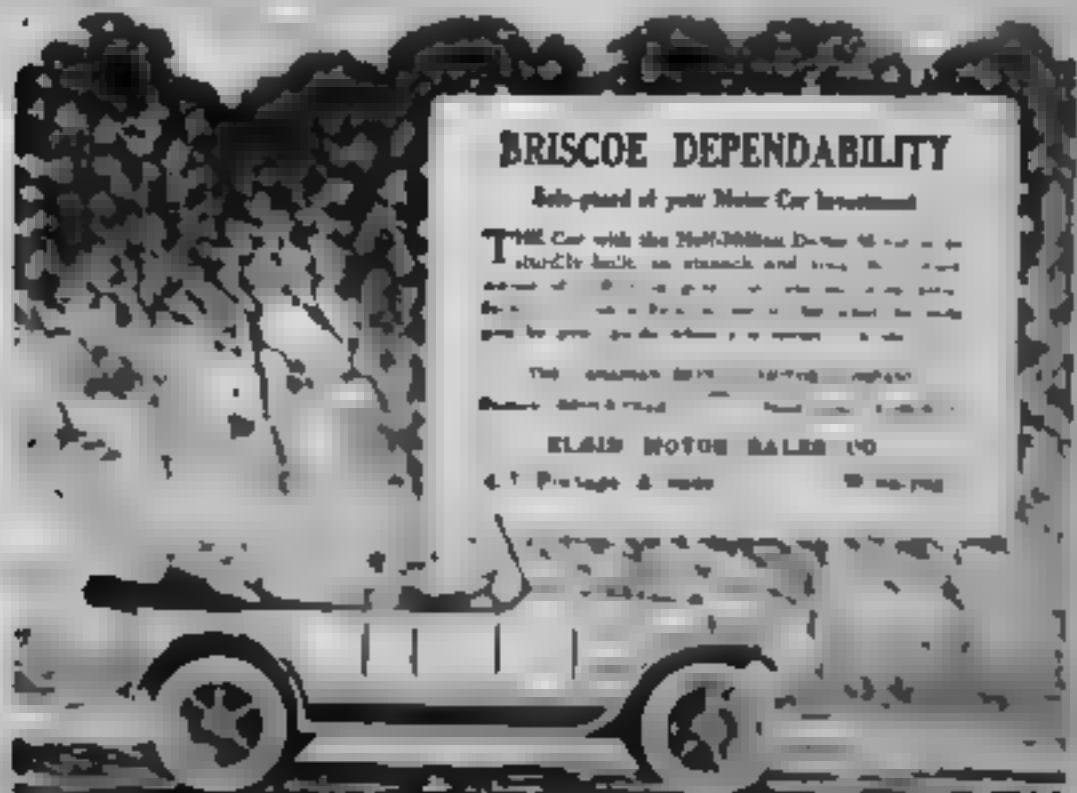
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Depend on your Motor Car Investment

The car with the 200,000 Miles Dependability built in strength and value is the new model of the Briscoe. It is the result of years of experience and research.

The unique Briscoe safety system
proves dependability.

BRISCOE MOTOR SALES CO.
415 Hastings & 10th
Vancouver, B.C.





SAVE FOOD BY HOME CANNING

Everyone knows that the conservation of food is a very vital part of our duties. "Food is Ammunition." We are asked to save it and to plan the use of it so that we can have enough food to meet our own needs and sending as much as possible to the front.

To help us in this work we are giving you a list of vegetables that can best be canned. We are also giving you a list of fruits that can best be canned. These lists will be available at the 238 places where home canning demonstrations will be given at 238 places within the Province during the summer months of 1915.

"The Food Crisis is Grave and Urgent
Demand Possibility of Exemption

SIR ROBERT BROWN

238 Canning Demonstrations

Every Manitoba Woman Should Attend One of These

Home-Canned Goods are Wholesome and Delicious. Apart from the War Needs, Home Canning is worthy of encouragement.

Watch for Posters or write the Agricultural Extension Service, Parliament Buildings, Winnipeg, as to dates.

For Manitoba's excellent FREE CANNING BULLETIN, "Canning by the Gold Fink Method," write a post card request to the Publications Branch, Manitoba Department of Agriculture, Winnipeg.

V. WINKLER

Minister of Agriculture and Immigration



LIVE POULTRY
WANTED

Saskatchewan Homemakers Convention
Eighth Annual Meeting held at Saskatoon—186
Live Clubs Reported

LIVE POULTRY

K. & A. Produce Trading Co.

Steam Plowers,
ATTENTION!

Golden Star Fruit &
Produce Co.

PRAIRIE
HAY

1915
CROP

EDWARD EVANS
The Alberta Stock Yards
CALGARY ALTA.

Highest Grade Steam Plow
Purchased by Farmers
in Every Prairie State
and Province
in Canada

Barrel Number & Serial No.
Date of Manufacture
Name of Dealer



IMPERIAL SERVICE

If you are in doubt about the proper lubricant, ask the Imperial Oil man. He will give you courteous attention and sound advice on your lubrication problems. That is part of Imperial Service.

LET US BE RESPONSIBLE

PUT your lubricating troubles up to the Imperial Oil man. It is his job to know the just-right oil for every lubrication need. He will recommend the oil that will end your lubrication troubles.

There is a scientifically correct lubricant for every machine requirement. For high speed motors burning gasoline, for heavy duty tractor motors or stationary motors burning kerosene, for slow-revolving, heavy shafts, for open bearings, for loose bearings, for tight bearings, you require oil that has just the right body, consistency and lubricating qualities.

There is an Imperial Oil manufactured for each particular purpose. You can get it in any part of Canada at any Imperial Oil station. There is one near you.

Imperial Oils are supplied in steel barrels and half-barrels—convenient, economical. No waste. You use every drop you pay for and know that every drop is uniform and clean.

A Correct Lubricant for every Farm Machine



For Gasoline Engines,
Tractor, Auto or
Stationary
POLARINE OIL
STANDARD GAS
ENGINE OIL
For Kerosene Engines,
Tractor or Stationary
POLARINE OIL
HEAVY
IMPERIAL KERO-
GENE TRACTOR
OIL
(Recommended by American Tractor Co.)



For Gasoline
Engines of
Farm Machines
PRAIRIE
HARVESTER OIL
—very heavy body,
white oil, won't
thin out with
weather



For Heavy Cylinder
Lubrication, whether
Tractor or Stationary
Type
CAPITOL
CYLINDER OIL
—the standard pro-
duct for heavy
cylinders



TRANSMISSION
HARD OIL
Put Grease
Cap
Lubri-
cation
of Bear-
ings
a clean
solidified oil
at high
melting
point



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WRECKERS.—We keep your newly-hatched Cockrels at 75¢ per lb., then pay best in that way. Ship them from the Fallows when they are about a pound. Feed them bran and crushed oats in water or kettles for a few days or three weeks. Then them ready to ship. If you have any ready we ship them to us. We can handle any amount and will pay the highest market price. When you ship to us you always receive highest prices and prompt result.

Collets, per lb. 25¢
Big Birds, in 6 conditions, per lb. 25¢
Ducks, per lb. 25¢
Turkeys, per lb. 25¢
Young Roosters, per lb. 25¢
Young Hens, per lb. 18¢
Old Roosters, per lb. 18¢
Hens. Highest Market Price

The Prices are for Poultry in good
condition and are
in Winnipeg.

We are ready to ship to any part of
Manitoba and Saskatchewan.

Gould-Tremblay's Grocery Co.
Pritchard Avenue, Winnipeg, Man.

Live Poultry and Eggs

WANTED

BROODS.—We are paying highest market prices. Egg writers required on regular.

Old Hens, per lb. 25¢ to 30¢

Ducks, per lb. 25¢

Turkeys, per lb. 25¢

Young Roosters, per lb. 25¢

Young Hens, per lb. 18¢

Old Roosters, per lb. 18¢

Hens. Highest Market Price

The Prices are for Poultry in good
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SUNNY BROOK FARM
STORY PLAIN, Alberta. The Kettlers' Farm
1917. Champion "Mama's Choice,"
1917 and "Anne West," 1918, brother to the
world's champion, are in the lead of our herd of
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Keep their shape and freshness
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ed interestingly with soap and water.
Stylishly cut, with the correct
finish. 25 cents at all stores
or direct.

WILBURTON OIL, LTD.
54 & 56 Franklin Ave., Vancouver



Government Assistance in Seed Growing

Continued from Page 29

All crop competitors who use registered seed as foundation stock to produce the highest class commercial seed, and seed merchants acting in an advisory capacity are all interested in their improvement and should have representation on provincial and Dominion seed boards. Practically all of the provincial departments of agriculture have concurred in these suggestions, and some have already appointed their seed boards.

In the prairie provinces a few of the Grain Growers' elevators at central points might be properly equipped with cleaning machinery and serve for the assembling, cleaning and distribution of superior seed stocks produced by the local associations. The use of approved seed stocks in field crop competitions will require the development of an abundant supply, and growers who make a specialty of multiplying these seed stocks under the provincial inspection given to field crop competitions, should also be provided with these facilities in preparing their high class seed for the market.

Breeders' Notes

THE WILLOW SPRINGS HEREFORDS BREED.
In looking backwards over the past few years one is amazed at the enormous strides which have marked the expansion of the pure-bred cattle industry in Alberta.

It would hardly be correct to state that this great development has been confined to one breed alone, as all the beef breeds and to a lesser extent the dairy breeds as well have profited by this live-stock boom, if boom it can be called.

But when all is said and done, no breed has shown more marked development than the Herefords, with their active nature, excellent breeding qualities, black records and peculiarities of temperament which makes them an especially suitable breed for the Alberta range. And it may have been just these same peculiarities, together with an inherent love of good cattle, which started Frank Collett, of Calgary, at first in only a modest way, then slowly but surely expanding, till at the present time he owns over 800 head of "Willow Springs," the largest Hereford herd in Canada.

The Willow Springs Ranch, on which the Collett Herefords range, is 35 miles north of Calgary and some six or seven miles west of Crossfield. It will pay any one well who is interested in good cattle, be he a Hereford man, an Angus man or a Shorthorn man, to visit the ranch at Willow Springs. The visitor will experience the unfailing courtesy and the hospitality of the proprietor, it will be taken over a well watered and well sheltered range, he will see fine barns and buildings and he will get a few good impressions as to the manner in which this well known breeding establishment is run. It is well within the mark to state that the development of the Hereford industry in Alberta is attributable in no small degree to Mr. Collett's desire to get the best of the breed his money could purchase, and that he has been successful his present herd is witness.

A shrewd business man, watching his opportunity, he purchased some years ago the Baxter-Red herd at Olds, some 120 head, all good imported stock, with the old country size, smoothness and quality, which is to be seen today reflected in their offspring. A little later he was fortunate in purchasing 30 head from Simon Dowdy & Sons, Crossfield, Alta., and in this purchase he formed one of the best families the breed has produced. We refer to the cow "Lady," a well known prime-winter and still in the best of bloom and a persistent breeder.

A couple of years ago Mr. Collett, looking for a herd leader to mate with his good females, purchased "Guy Lad 40th" at the Harris sale at Harris, Mo., for \$11,000. The calves from this sire are just beginning to come, and to judge from what the representatives of The Guide saw a few days ago, Mr. Collett made no mistake when he purchased this bull.

The progeny of "Guy Lad 40th" are showing the type, breeding and character of their sire.

Another sire which has left a lasting impression on the young stock at Willow Springs is "Futura" (Perfection), a son of the great "Perfection" bull, and the big majority of the young stock on the ranch show this sire's great size and true Hereford character.

Still another worthy individual is a herd leader in the good bull "Governor Harley," a useful sire that is leaving high class commercial grade of stock. Last fall Mr. Collett purchased a number of the pure-breds of the Gregory herd, at Crossfield, Alta., included among them being the \$50,000 "Guy Lad 40th," a big smooth fellow, weighing well over 2,000 pounds, of wonderful smoothness, well rounded symmetry, and also quick and agile on his feet. He was originally purchased from Meissner, Harris & Sons, Harris, Mo. He is a bull of the latest type and will be very hard to beat anywhere.

With the above mentioned sires, together with the younger bulls coming along, Mr. Collett has a wonderful lot up, and when one contemplates the massive broad-backed, full-bodied females which will mate with these sires, it must be admitted that there is a glorious future ahead of this herd. Space will not permit the writer to go into the merits of these females, suffice to say, they are on a par with the males, and will have to be reckoned with in the show ring this summer, when the herd will compete at some of the leading Western fairs. Mr. Collett is in the Herdsmen game in the final, and with the good breeding freely offered the breeders of Alberta, the kind of breeding which makes for good business and good stock, is quite safe to predict that the Collett herd will stand well in the front for long years to come.

LOUDEN HAY TOOLS

Saves your Time. Reduces the Labour of handling your crop of hay. Every extra hour spent in unloading your hay or sheaves in the barn may mean the loss of valuable feed. Time and weather wait for no man. **Saves Time** and the weather won't catch you with your crop half in.

Equip your Barn with a Louden Hay Carrier Equipment if you would make more of saving every moment of time and ounce of energy possible in the lifting of your mows.

Do you know that You Can Save the Wages of an Extra Hand during harvest by letting your horses lift the loads from the wagon, carry them back into the mow and spread in a nice even shape ready for feeding. Five to seven minutes will handle your biggest loads and the work will be done without any heavy back breaking work on your part or that of your men.

Think what a profit such a saving represents on the small amount of money required to fit up your barns.

Louden Hay Tools are not confined to one or two lines. Sling Carriers are here for the man that prefers them to Fork Outfits. Forks are made up ready for shipment to the man who would rather have them. Prompt shipments of any such goods can be made from the factory or our various branches. Write to your nearest distributing centre.

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The Louden Line includes:
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 Feed Carriers, Water Bowls,
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KEROSENE BURNER IF DESIRED

It can be fitted with either straw carriers or blower. Special grate behind cylinder saves 80 per cent of grain right there. Cylinder bars of solid steel—NO WOOD. Platform included. A man and one helper can thresh with this machine quicker than they can stack. Nothing fancy or flimsy, made solid, strong and honest, with frame work of hard wood as heavy as many big rigs. **DON'T TAKE A CHANCE**—your grain is too valuable this year. **SAVE ALL THE GRAIN** with this machine.

When the crop is cut will you be running around to arrange for someone to thresh your eat, or will you be independent with the Right Machine waiting all ready in your yard to pull in at the Right Moment.

26-in. Separator, 9 H.P. Engine with Straw Carriers, Magneto, Platform with Double Tread Bars and Freight Pads \$870

If a Blower is wanted and Straw Carriers are deducted it would come to \$1025

If you already have a Tractor buy the machine you can use without lots of help, with Trucks, All Belts and Fittings, Freight Pads \$500

The Question is NOT IF you CAN afford it, but CAN YOU AFFORD TO DO WITHOUT IT!!

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